



Ultrafine copper oxychloride

Product introduction

Product description: Ultrafine copper oxychloride;
 Superfine basic cupric chloride;
 Ultrafine Tri basic copper chloride;
 Ultrafine TBCC.

CAS no.: 1332-40-7

Product specification: 5000meshes



Product explanation

Molecular formula: $\text{CuCl}_2 \cdot 3\text{Cu}(\text{OH})_2$; $\text{CuCl}_2 \cdot \text{xCuO} \cdot 4\text{H}_2\text{O}$; $\text{Cu}_2(\text{OH})_3\text{Cl}$

Molecular weight: 445.00

Physic-chemical Properties: Light green powder. Stable in the air, insoluble in water and organic solvents, but soluble in ammonia and acid.

Product Use: Pollution-free pesticide intermediates, medical intermediates, wood preservation, efficient copper source supplements.

Packing, storage and shipping: Plastic woven bag or cardboard packing, with plastic inside, net weight of each bag 25kg or 50kg. Stored in a ventilated and dry warehouse. Keep dry in the transportation.

Executive standard: Enterprise standard

Quality standard

Item	Purity (Cu%)	Particle size range (μm)	Water (%)	As (%)	Pb (%)
Index	≥ 57.5	D10=0.500 D50=2.360 D90=5.771	≤ 3.0	≤0.01	≤0.01

Basic copper chloride

■ Product introduction

Product description: Copper oxychloride; Basic cupric chloride;
Tri basic copper chloride; TBCC.

CAS no.: 1332-40-7

Product specification: Industrial grade

■ Product explanation

Molecular formula: $\text{CuCl}_2 \cdot 3\text{Cu}(\text{OH})_2 \cdot \text{xCuCl}_2 \cdot \text{yCuO} \cdot 4\text{H}_2\text{O} \cdot \text{zCu}_2(\text{OH})_3\text{Cl}$

Molecular weight: 445.00

Physico-chemical Properties: Light green powder. Stable in the air, insoluble in water and organic solvents, but soluble in ammonia and acid.

Product Use: Pollution-free pesticide intermediates, medical intermediates, wood preservation, efficient copper source supplements.

Packing, storage and shipping: Plastic woven bag or cardboard, with plastic inside, net weight of each bag 25kg or 50kg. Stored in a ventilated and dry warehouse. Keep dry in transit.

Executive standard: Enterprise standard



■ Quality standard

Copper oxychloride	Industrial grade	Pesticide grade	Medical grade	Reagent grade
Item	Index	Index	Index	Index
Copper oxychloride % ≥	98.0	98.0	98.0	99.0
Cu % ≥	57.0	58.0	58.0	59.0
Cl % ≤	--	--	17-19	17-19
Water % ≤	1.0	1.0	1.0	1.0
Al % ≤	--	--	0.003	0.001
Ni % ≤	--	--	0.001	0.0005
Cr % ≤	--	--	0.0005	0.0003
As % ≤	0.02	0.005	0.0005	0.0003
Pb % ≤	0.02	0.005	0.001	0.001
Cd % ≤	0.005	0.005	0.0001	0.0001
Hg % ≤	--	--	0.0001	0.00005
Fineness(pass 40meshes) % ≥	--	100	200	--

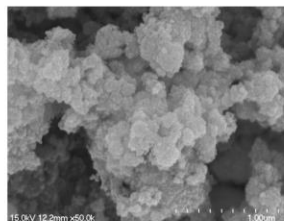
Supported basic copper chloride nanopowder

Product information

Product description: Supported nano copper oxychloride;
Supported nano basic cupric chloride;
Supported nano Tri basic copper chloride;
Supported nano TBCC;

CAS no. : 1332-40-7

Product specification: Diameter 60-100nm



Product introduction

The supported nano raw pesticide is specially developed for copper preparations, including copper chloride and carrier. The carrier was added when processed copper preparations and no need to add again in the post processing of copper compounds. The shape is powder, with nano material characteristics of macro effect, quantum tunneling effect and surface effect, having advantage of stronger bactericidal power, higher suspensibility, better adhesion and longer pesticide effect. Combining with nano technology can greatly improve the quality of copper preparations.



Product explanation

Molecular formula: $\text{CuCl}_2 \cdot 3\text{Cu}(\text{OH})_2$; $\text{CuCl}_2 \cdot \text{XCuO} \cdot 4\text{H}_2\text{O}$; $\text{Cu}_2(\text{OH})_3\text{Cl}$ and carrier

Appearance: Green or Light green powder. Insoluble in water and organic solvents.

Stable in the air, soluble in acid and ammonia.

Product use: For nano wettable powder synthesis, no need to smash and process.

Packing, storage and shipping: Kraft or Paper barrel sealed packaging. To store in a cool & dry place.

Quality standard

Model	$\text{Cu}_2(\text{OH})_3\text{Cl}$ content (%)	Carrier content (%)	Diameter (nm)	Shape
A	70	30	60~80	Powder
B	60	40	60~80	Powder
C	50	50	60~80	Powder